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SHB5100



User manual

PHILIPS

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1 Important

Hearing Safety



Danger

- To avoid hearing damage, limit the time you use headphones at high volume and set the volume to a safe level. The louder the volume, the shorter the safe listening time is.

Be sure to observe the following guidelines when using your headset.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume continuously upwards as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Using headphones with both ears covered while driving is not recommended and may be illegal in some areas while driving.
- For your safety, avoid distractions from music or phone calls while in traffic or other potentially dangerous environments.

General information

To avoid damage or malfunction:



Caution

- Do not expose headphones to excessive heat.
- Do not drop your headphones.
- Headphones shall not be exposed to dripping or splashing.
- Do not allow your headphones to be submerged in water.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives.
- If cleaning is required use a soft cloth, if necessary dampened with a minimum amount of water or diluted mild soap, to clean the product.
- The integrated battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

About operating and storage temperatures and humidity

- Operate or store in a place where temperature is between -15°C (5°F) and 55°C (131°F) (up to 90% relative humidity).
- Battery life may be shorter in high or low temperature conditions.

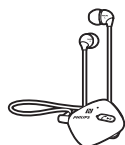
2 Your Bluetooth wireless headphones

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

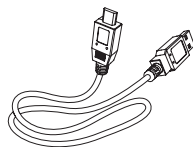
With this Philips wireless on-ear headphones, you can:

- enjoy convenient wireless handsfree calls;
- enjoy and control wireless music;
- switch between calls and music.

What's in the box



Philips Bluetooth wireless headphones SHB5100



USB charging cable

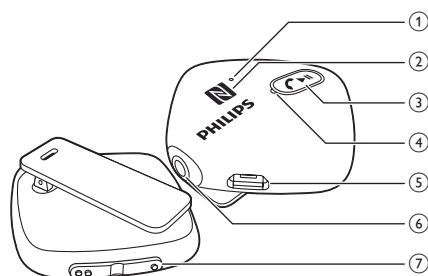


Quick start guide

Other devices

A mobile phone or device (e.g. notebook, PDA, Bluetooth adapters, MP3 players etc) which supports Bluetooth and is compatible to the headphones (see 'Technical data' on page 8).

Overview of your Bluetooth wireless headphones



- ① Microphone
- ② NFC detection area
- ③ On/off, music/call control button
- ④ LED light
- ⑤ Micro USB charging slot
- ⑥ Audio jack
- ⑦ Volume/track control

3 Get started

Charge your headphones

Note

- Before you use your headphones for the first time, charge the battery for 4 hours for optimum battery capacity and lifetime.
- Use only the original USB charging cable to avoid any damage.
- Finish your call before charging the headset, as connecting the headphones for charging will power the headphones off.

Connect the supplied USB charging cable to:

- the USB connector of the headphones and;
 - USB power source.
- ↳ LED turns white during charging and turns off when the headphones are fully charged.

Tip

- Normally, a full charge takes 3 hours.

Pair the headphones with your mobile phone

Before you use the headphones with your mobile phone for the first time, pair it with a mobile phone. A successful pairing establishes a unique encrypted link between the headphones and mobile phone. The headphones store the last 4 devices in the memory. If you try to pair more than 4 devices, the earliest paired device is replaced by the new one.

There are two ways to pair your headphones with your mobile phone:

- Manual pairing
- NFC pairing

Manual pairing

- 1 Make sure that the headphones are fully charged and turned off.
- 2 Press and hold  until the blue and white LED flashes alternately.
↳ The headphones are in pairing mode for 5 minutes.
- 3 Make sure that the mobile phone is turned on and its Bluetooth feature is activated.
- 4 Pair the headphones with the mobile phone. For detailed information, refer to the user manual of your mobile phone.

NFC pairing

- 1 Make sure that the headphones are fully charged and turned off.
- 2 Press and hold  until the blue and white LED flashes alternately.
↳ The headphones are in pairing mode for 5 minutes.
- 3 Make sure you turn on the NFC function on your phone and your phone's screen remains active.
- 4 Place your phone over the NFC detection area.
- 5 Pair the headphones with the mobile phone. For detailed information, refer to the user manual of your mobile phone.

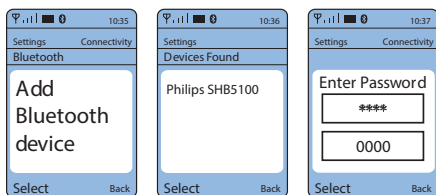
Note

- Make sure your mobile phone has the NFC feature available and switched on.
- Make sure your mobile phone is not in standby mode.
- Pairing with NFC is only suitable for Android mobile operating system 4.2 or above.
- Refer to the user manual of your mobile phone to identify its NFC detection area.

The following example shows you how to pair the headphones with your mobile phone.

- 1 Activate the Bluetooth feature of your mobile phone, select Philips **SHB5100**.

- 2 Enter the headphones password "0000" (4 zeros) if prompted. For those mobile phones featuring Bluetooth 2.1+EDR or higher; no need to enter a password.



4 Use your headphones

Connect the headphones to a Bluetooth device

- 1 Turn on your mobile phone/Bluetooth device.
- 2 Press and hold  to turn the headset on.
 - ↳ The blue LED flashes.
 - ↳ The headphones are reconnected to the last connected mobile phone/Bluetooth device automatically. If the last one is not available, the headphones try to reconnect to the second last connected device.

 Tip

- If you turn on the mobile phone/Bluetooth device or activate the Bluetooth feature after turning on the headphones, you have to reconnect the headphones and mobile phone/Bluetooth device manually.

 Note

- If the headphones fail to connect to any Bluetooth device within range in 5 minutes, it will switch off automatically to save the battery life.

Use your headset

Task	Operation	Sound or LED Indicator
Turn the headphones on.	Press and hold  for 1 second.	• 4 scale tones from low to high • Blue LED flashes

Turn the headphones off.	Press and hold  for 4 seconds.	• 4 scale tones from high to low • White LED flashes and goes out
Play or pause music.	Press 	
Pick up or terminate a call.	Press 	1 short beep
Reject a call.	Press and hold  for 1 second.	1 long beep
Redial the last number.	Press  twice.	2 short beeps
Switch caller in a call.	Press and hold 	1 long beep
Adjust volume.	Press 	Beep at max/min level
Skip forward.	Press and hold 	
Skip backward.	Press and hold 	

Other headphones indicator status

Headphones status	Indicator
The headphones are connected to a Bluetooth device, while the headphones in standby mode or while you are listening to music.	The blue LED flashes for every 6 seconds.
The headphones are ready for pairing.	The LED flashes blue and white alternately.
The headphones are on but not connected to a Bluetooth device.	The blue LED flashes quickly.
There is an incoming call.	The blue LED flashes twice per second.
The battery level is low.	The white LED flashes.

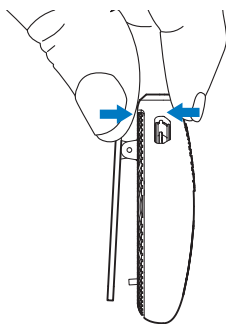
The battery is fully charged. The white LED is off.

Clip the headphones



Note

- To keep the high sound quality, clip the headphones within 20cm from your mouth.



5 Technical data

- Up to 9 hours of play time or talk time
- Up to 200 hours of standby time
- Normal time for a full charge: 3 hours
- Rechargeable Lithium-Polymer battery (200 mAh)
- Bluetooth 3.0, Bluetooth mono support (Headset Profile - HSP, Hands-Free Profile - HFP), Bluetooth stereo supported (Advanced Audio Distribution Profile - A2DP; Audio Video Remote Control Profile - AVRCP)
- Operating range: Up to 15 meters (50 feet)
- Digital echo & noise reduction



Note

- Specifications are subject to change without notice.

6 Frequently asked questions

My Bluetooth headphones do not switch on.

The battery level is low. Charge the headphones.

I cannot pair my Bluetooth headphones with a mobile phone.

The Bluetooth is disabled. Enable the Bluetooth feature on your mobile phone and turn on the mobile phone before you turn on the headphones.

Pairing does not work.

Make sure the headphones are in pairing mode.

- Follow the steps described in this user manual (see 'Pair the headphones with your mobile phone' on page 4).
- Make sure that the LED light flashes blue and white alternately before you release . Do not stop holding the button if you see the blue LED only.

The mobile phone cannot find the headphones.

- The headphones may be connected to a previously paired device. Turn off the connected device or move it out of range.
- Pairing may have been reset or the headphones have been previously paired with another device. Pair the headphones with the mobile phone again as described in the user manual (see 'Pair the headphones with your mobile phone' on page 4).

Voice dialing or redialing does not work on my mobile phone.

Your mobile phone may not support this feature.

My Bluetooth headphones are connected to a Bluetooth stereo enabled mobile phone, but music only plays on the mobile phone speaker. Refer to the user manual of your mobile phone. Select to listen to music through the headphones.

The audio quality is poor and crackling noise can be heard.

The Bluetooth device is out of range. Reduce the distance between your headphones and Bluetooth device, or remove obstacles between them.

The audio quality is poor when streaming from the mobile phone is very slow, or audio streaming does not work at all.

Make sure your mobile phone not only supports (mono) HSP/HFP but also supports A2DP (see 'Technical data' on page 8).

I hear but cannot control music on my Bluetooth device (e.g. play/pause/skip forward/backward).

Make sure the Bluetooth audio source supports AVRCP (see 'Technical data' on page 8).

For further support, visit www.philips.com/support.



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